UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,842,586 B2

Page 1 of 1

DATED

: January 11, 2005

INVENTOR(S): Michael J. Neubelt et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1,

Line 10, before "Transmission", insert -- Optical --.

Column 2,

Line 7, after "generate", change "OTRD" to -- OTDR --.

Column 3,

Line 42, change first word "unit" to -- units --.

Column 4,

Line 13, after "fiber", change "208," to -- 208₁ ---.

Column 5,

Line 7, after "controller 218", change "analyses" to -- analyzes --.

Signed and Sealed this

Nineteenth Day of April, 2005

JON W. DUDAS
Director of the United States Patent and Trademark Office